|   |               |           |          |           |          |          |          |          |          |                             |           |                   |              | Application/Control No. |                        |           |                |                                           |             |          |          |           |                                                  | Applicant(s)/Patent under Reexamination |                |          |              |         |           |                 |           |           |  |
|---|---------------|-----------|----------|-----------|----------|----------|----------|----------|----------|-----------------------------|-----------|-------------------|--------------|-------------------------|------------------------|-----------|----------------|-------------------------------------------|-------------|----------|----------|-----------|--------------------------------------------------|-----------------------------------------|----------------|----------|--------------|---------|-----------|-----------------|-----------|-----------|--|
|   | <u>0</u><br>E |           |          |           |          |          |          |          |          |                             |           |                   |              |                         | 09/992,378<br>Examiner |           |                |                                           |             |          |          |           |                                                  |                                         | DENNING ET AL. |          |              |         |           |                 |           |           |  |
|   |               |           |          |           |          |          |          |          |          |                             |           |                   |              |                         |                        |           |                |                                           |             |          |          |           |                                                  |                                         |                |          |              |         |           |                 |           |           |  |
|   | · · · ·       | 110011    |          |           |          |          |          |          |          |                             |           |                   |              |                         |                        |           | Peter Poltorak |                                           |             |          |          |           |                                                  |                                         | 2134           |          |              |         |           |                 |           |           |  |
|   | √ Rejected    |           |          |           |          |          |          |          | -        | (Through numer<br>Cancelled |           |                   |              |                         | eral                   | al)       |                | N                                         | Non-Elected |          |          |           | A                                                | Appeal                                  |                |          |              |         |           |                 |           |           |  |
|   |               | = Allowed |          |           |          |          |          |          | ÷        | Restricted                  |           |                   |              |                         |                        |           |                | I Interfere                               |             |          | fere     | nce       |                                                  | 0                                       | Objected       |          |              |         |           |                 |           |           |  |
|   | Claim         |           |          |           |          | Date     |          |          | ; _      |                             |           |                   | Claim        |                         |                        |           |                | Date                                      | e           |          |          | $\neg$    | Claim                                            |                                         |                |          | Date         |         |           |                 | ٦         |           |  |
|   |               |           |          |           |          |          |          |          |          |                             |           |                   | Т            |                         | T                      |           |                |                                           |             |          |          |           |                                                  |                                         |                |          |              | Τ       |           |                 |           |           |  |
|   | Ë             | Origi     |          |           |          | ľ        |          |          |          |                             |           | <u>يَّ</u><br>بنا |              | Origi                   |                        |           |                |                                           |             |          |          |           | Final                                            | Original                                |                |          |              |         |           |                 |           |           |  |
|   |               | 1         | <b>V</b> |           |          |          | $\neg$   | $\dashv$ |          | $\dashv$                    | _         |                   | t            | 51                      | +                      | +-        | +              | $\vdash$                                  |             | $\dashv$ | -        | $\dashv$  |                                                  | 101                                     | Н              | $\dashv$ | +            | +       | $\vdash$  | $\vdash$        |           | -         |  |
| • |               |           |          | $\dashv$  | $\dashv$ |          |          | $\dashv$ |          |                             |           |                   |              |                         | _                      | Ţ         | T              |                                           |             |          | $\Box$   |           |                                                  | 102                                     |                |          | Ŧ            | T       |           |                 | $\perp$   |           |  |
|   |               |           |          | $\dashv$  | _        | -        |          |          |          | $\dashv$                    | $\dashv$  | -                 |              |                         | +                      | +         | +              |                                           | -           |          | $\dashv$ | $\dashv$  |                                                  | 103                                     |                | +        | -            | +       | +         | $\vdash$        | +         | -         |  |
|   |               | 5         |          |           |          |          |          |          |          |                             |           |                   |              | 55                      | 1                      | 1         | 丰              |                                           |             |          |          |           |                                                  | 105                                     |                |          |              | L       |           |                 |           |           |  |
|   |               |           |          |           | 4        |          |          | 4        | 4        | _                           | _         | -                 |              |                         | - -                    | +         | +              | ╄                                         |             | $\dashv$ | -+       | _         |                                                  | 106<br>107                              | Н              | +        | $\perp$      | +       | +         | $\sqcup$        |           | 4         |  |
|   |               |           | -        | +         | $\dashv$ |          | $\dashv$ | _        |          | -                           | $\dashv$  | $\vdash$          |              |                         | +                      | ╁         | ┿              | $\vdash$                                  |             | $\dashv$ | $\dashv$ | $\dashv$  | -                                                | 107                                     | $\vdash$       |          | +-           | +-      | +-        | $\vdash$        | $\dashv$  | $\dashv$  |  |
|   |               | 9         |          |           |          |          |          |          |          |                             |           |                   |              | 59                      |                        | 1         |                |                                           |             |          |          |           |                                                  | 109                                     |                |          |              |         |           |                 |           |           |  |
|   |               |           | 1        |           | 4        | _        | -        |          | _        | _                           | _         | -                 |              |                         | -                      | +         | _              |                                           | _           |          | _        | _         | <u> </u>                                         | 110                                     | Ш              | _        | $\perp$      | _       | _         | Н               | _         | 4         |  |
| • |               | 12        | V<br>√   | $\dashv$  | -        |          |          | -        |          |                             | $\dashv$  | -                 |              | 62                      |                        | +         | +              | -                                         | _           |          |          | $\dashv$  | }                                                | 111<br>112                              | $\vdash$       |          | +            | +-      | +-        | ╁               | +         | $\dashv$  |  |
|   |               | 13        | 1        |           |          |          |          |          |          |                             |           |                   |              | 63                      |                        | $\dagger$ | $\top$         | T                                         |             |          | $\dashv$ | 1         |                                                  | 113                                     | П              | _        | $\top$       | +       |           | $\Box$          | $\top$    | ┪         |  |
|   |               | 14        | 1        | _         | $\Box$   | _        |          |          |          |                             |           |                   | $\downarrow$ | 64                      |                        | Ţ         |                |                                           |             |          |          |           |                                                  | 114                                     |                |          |              |         |           | П               |           |           |  |
|   |               | 15<br>16  | <b>√</b> | _         | $\dashv$ |          |          | _        |          | $\dashv$                    | -         | $\vdash$          |              | 65<br>66                |                        | +         | +              | $\vdash$                                  |             | $\dashv$ | $\dashv$ | $\dashv$  |                                                  | 115<br>116                              |                |          | +            | +-      | ╄         | $\vdash$        | +         | $\dashv$  |  |
|   |               | 17        | V        | 7         | $\dashv$ | +        |          | -        |          |                             | $\dashv$  |                   |              | 67                      | $\dashv$               | +         | +              | t                                         |             | $\dashv$ | $\dashv$ | -         |                                                  | 117                                     | $\vdash$       |          | +            | +       | +         | $\vdash$        | +         | $\dashv$  |  |
|   |               | 18        | V        |           | 口        |          |          |          |          |                             |           |                   |              | 68                      |                        |           |                |                                           |             |          |          |           |                                                  | 118                                     |                |          |              |         |           |                 |           | ╛         |  |
|   |               | 19<br>20  | 1        |           |          | -        |          | _        |          | $\dashv$                    | _         | -                 |              | 69<br>70                | +                      | +         | +              | +                                         |             | -        | _        | _         |                                                  | 119<br>120                              |                |          | +            | +       | -         | Н               | +         | 4         |  |
| ٠ |               | 21        | V        | -         | $\dashv$ | -        |          |          |          | -                           | $\dashv$  | -                 | +            | <del>/0  </del><br>71   | +                      | +         | +-             | +                                         |             | -        |          | -         |                                                  | 121                                     | Н              |          | +            | +       | ╁         |                 | +         | -         |  |
|   |               | 22        | √.       |           |          |          |          |          |          |                             |           |                   |              | 72                      | 土                      |           |                |                                           |             |          |          |           |                                                  | 122                                     |                |          | 1            |         | L         |                 |           |           |  |
|   |               | 23        | <b>V</b> | _         | _        |          |          | $\dashv$ | _        | _                           | _         | $\vdash$          |              | 73                      | $\perp$                | 4         | -              | -                                         |             | $\Box$   |          |           |                                                  | 123                                     | Ш              |          | $\perp$      | $\perp$ | 1_        |                 | _         | _         |  |
|   |               | 24<br>25  | 7        | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$ | _        | $\dashv$                    | $\dashv$  | -                 |              | 74  <br>75              | +                      | +         | ╁              | ╁┈                                        |             |          |          | $\dashv$  |                                                  | 124<br>125                              | Н              | +        | +            | +       | ╁         | $\vdash$        |           | -         |  |
|   |               | 26        | V        |           |          |          |          |          |          |                             |           |                   |              | 76                      |                        |           |                |                                           |             |          |          |           |                                                  | 126                                     |                |          | $\top$       | $\top$  | $\dagger$ |                 | $\exists$ | 1         |  |
|   |               | 27        | √ /      |           | _        |          |          |          |          |                             |           |                   |              | 77                      |                        | Ţ         |                | Ľ                                         |             |          | $\Box$   |           |                                                  | 127                                     |                |          | $\perp$      | $\perp$ |           |                 | $\Box$    | ]         |  |
|   |               | 28<br>29  | 1        | -         | ᆉ        | -        |          | -        |          | $\dashv$                    | 4         | -                 |              | 78<br>79                |                        | ╀         | ┿              | ╁                                         |             | $\dashv$ | -        |           |                                                  | 128<br>129                              | $\vdash$       |          | +            | +-      | ╁         | ╢               |           | 4         |  |
|   | _             | 30        | V        | -         | $\dashv$ | 1        | $\dashv$ | $\dashv$ |          | $\dashv$                    | $\dashv$  | -                 |              | 80                      | ╅                      | +         | ╁              | +                                         |             |          | $\dashv$ | -         |                                                  | 130                                     | H              |          | ╁            | +       | +         | Н               | +         | $\dashv$  |  |
|   |               | 31        | 1        |           |          |          |          |          |          |                             |           |                   |              | 81                      |                        |           | 工              |                                           |             |          |          | $\Box$    |                                                  | 131                                     |                |          |              |         |           |                 |           |           |  |
|   | _             | 32<br>33  | √<br>    |           | -        | _        |          | -        |          | $\dashv$                    | $\dashv$  | $\vdash$          |              | 82<br>83                | -                      | +         | +              | ┢                                         |             | $\dashv$ |          | _         | -                                                | 132<br>133                              | ļ              |          | +            | +       | +-        | $\vdash$        | +         | $\dashv$  |  |
|   | <b></b>       | 34        | 1        | _         | -        |          | _        | $\dashv$ | _        | $\dashv$                    | $\dashv$  | -                 |              | 84                      | $\dashv$               | +         | +              | ╁┈                                        |             |          | $\dashv$ | $\dashv$  | <del>                                     </del> | 134                                     |                | +        | +            | ╅       | -         | $\vdash$        | +         | $\dashv$  |  |
|   |               | 35        | √        |           |          |          |          |          |          |                             |           |                   |              | 85                      |                        |           |                |                                           |             |          |          |           |                                                  | 135                                     |                |          |              |         |           |                 |           |           |  |
|   |               | 36        | 7        | _         | _        |          |          | _        | _        | _                           | 4         | <u> </u>          |              | 86                      | 4                      | 4         | +              | <b>-</b>                                  |             | _        | _        | _         | ļ                                                | 136                                     | $\sqcup$       | _        | +            | 4       | 1         | Ш               | $\dashv$  | 4         |  |
|   |               | 37<br>38  | 1        | $\dashv$  | $\dashv$ |          |          | -        | -        | $\dashv$                    | $\dashv$  | $\vdash$          |              | 87<br>88                | +                      | +         | +              |                                           |             |          | -        |           | -                                                | 137<br>138                              |                | +        | +            | ╁       | +         | $\vdash$        | +         | $\dashv$  |  |
|   |               | 39        | 1        |           | 丁        |          |          |          |          |                             | $\exists$ |                   |              | 89                      | 士                      | $\perp$   |                |                                           |             |          |          | $\exists$ |                                                  | 139                                     |                |          | $^{\dagger}$ | $\perp$ |           |                 | $\pm$     |           |  |
|   |               | 40        | 1        |           | $\dashv$ |          | [        |          | $\Box$   |                             | _]        | F                 |              | 90                      | $\perp$                | Ţ         | $\perp$        | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |             |          | $\dashv$ | _         |                                                  | 140                                     | $\Box$         | $\bot$   | Ţ            | T       |           | $\Box$          | $\bot$    | 4         |  |
|   |               | 41<br>42  | 1        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |                             | $\dashv$  | -                 |              | 91<br>92                | +                      | +         | +              | $\vdash$                                  | H           |          | $\dashv$ | $\dashv$  | <u> </u>                                         | 141                                     | $\vdash$       |          | +            | +       | +         | $\vdash$        | +         | $\dashv$  |  |
|   |               | 43        | 1        | _         |          |          |          | _        |          |                             | _         |                   |              | 93                      | $\top$                 | _         | +              | $\vdash$                                  |             |          | $\dashv$ | $\exists$ |                                                  | 143                                     | H              | _†       | +            | +       | T         |                 | $\dashv$  | $\exists$ |  |
|   |               | 44        | V        | $\Box$    | $\Box$   | $\Box$   |          |          |          |                             | $\Box$    |                   |              | 94                      | $\bot$                 | 1         | $\perp$        |                                           |             |          |          | $\Box$    |                                                  | 144                                     |                | 1        | 1            |         |           | П               | $\perp$   |           |  |
|   |               | 45_<br>46 | 1        |           | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ |                             | $\dashv$  | -                 |              | 95<br>96                | +                      | +         | +              | $\vdash$                                  | Н           | $\dashv$ | $\dashv$ | $\dashv$  |                                                  | 145<br>146                              | $\vdash$       | -+       | +            | +       | +         | $\vdash \vdash$ | +         | $\dashv$  |  |
|   |               | 47        | V        | $\exists$ |          |          |          |          |          |                             | $\dashv$  | -                 |              | 97                      | $\dashv$               | +         | +              | T                                         |             |          | $\dashv$ | $\dashv$  |                                                  | 147                                     | H              | _        | +            | +       | +         | H               | +         | $\dashv$  |  |
|   |               | 48        | V        |           | $\Box$   | $\Box$   |          |          |          |                             | $\Box$    |                   |              | 98                      | $\top$                 | T         |                |                                           |             |          | $\Box$   | $\Box$    |                                                  | 148                                     |                | $\Box$   | $\perp$      | 1       |           | П               |           |           |  |
|   | 1             | 49        | I√I      | - 1       | - 1      | - 1      |          | - 1      | - 1      | - 1                         | - 1       | i                 |              | 99                      | - 1                    | - 1       | - 1            | 1                                         | 1           | ı I      | - 1      | - 1       | I                                                | 149                                     | 1 I            |          | - 1          | 1       | 1         | 1 1             | - 1       | - 1       |  |

100

150

Application/Control No.

50 √